#### State of California AIR RESOURCES BOARD

### EXECUTIVE ORDER A-6-263 Relating to Certification of New Motor Vehicle Engines

#### GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following General Motors Corporation 1983 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)		
DGMO426FWF9	426	(7.0)	Aftercooler Throttle Delay (Turbashanged)		
DGMO8.2DAB3 DGMO8.2EAB6	500 500	(8.2) (8.2)	(Turbocharged) Engine Modification Engine Modification (Turbocharged)		

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

Engine Family	Hydrocarbons gm/bhp-hr	Carbon Monoxide gm/bhp-hr	Hydrocarbons + Nitrogen Oxides gm/bhp-hr
DGMO426FWF9 DGMO8.2DAB3	0.8 0.6	3 3	6.0 5.6 5.6
DGMO8.2EAB6	0.5	2	3.0

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 22 de

K. D. Drachand, Chief Mobile Source Control Division

### 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

Manufacturer	GENEF	RAL MOTORS CORPORAT	ГІОН	Page 1	_
Engine FamilyDGMO426		FWF9 CID (Liter)-Type		426 (7.0) - L6	
ECS (Special	Features)	Throttle Delay and Aftercooler		urbocharged)	
Engine Model (Engine Code)	Fuel Injection Pump Mfr.	Mfr.	Maximum Rated HP and RPM	Fuel Rate at Maximum HP	Label Ident.
	Part Number	Part Number		mm <sup>3</sup> /stroke	
6L-71TA	NA	7G65 5229895	235 @ 2100	69.5	8924743
		7G70 5229900	250 @ 2100	73.6	
		7G75 5229905	270 @ 2100	79.3	
		7G75 5229905 Constant Power	180 @ 1800 min.	60.8	

## 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

Manufacturer	GENERAL	GENERAL MOTORS CORPORATION			<u></u>
Engine Famil	y DGM08.2DA	AB3 CID (	(Liter)-Type	500 (8.2) - V8	
ECS (Special	Features)	Engine N	Modification		
Engine Model (Engine Code)	Fuel Injection Pump Mfr. Part Number	Injector  Mfr.  Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm <sup>3</sup> /stroke	Label Ident.
V8-8.2	NA	4A53 GMC 5229850	165 @ 3000	52.5	8924746
		4A53 GMC 5229850	165 @ 2800	54.1	8924746

te of Issue: 10-25-82

Rev.: 01-04-83; added label identification. 001; updated specifications for derated engine - 1983 R/C #9 (MH-3R010).

# 1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

Manufacturer	GENERAL	MOTORS CORPORAT	ION	_ Page	3
Engine Famil	· · · · · · · · · · · · · · · · · · ·	(Turk ochanged)			
ECS (Specia Engine Model (Engine Code)	Fuel Injection Pump Mfr. Part Number	Injector  Mfr.  Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm <sup>3</sup> /stroke	Label Ident.
V8-8.2T	NA	4C65 GMC 5229915	205 @ 3000	64.9	8924748
		4C65 GMC 5229915	200 @ 2800	64.9	8924748

Date of Issue: 10-25-82 Rev.: 01-04-83; added label identification. 001; added derated engine information - 1983 R/C #10 (MH-3R011).